CAMPUS NOTES

RADIO

A series of eight lectures is being broadcast during the month of April by the Engineering Experiment Station. F. J. Dickerson, industrial fellow of the station research staff, told of a pendulum 555 feet long in the first lecture of the month on April 2. Research Professor J. R. Shank on April 9 gave information relative to tests conducted on pilasters of brick and tile. Mr. Wm. C. Groeniger, consulting sanitary engineer, will give a series of three exceedingly interesting talks on the last three Friday evenings of the month, under the title "Water Supply for the Holy Land." Prof. A. S. Watts, of the department of ceramic engineering, took the radio audience with him in a trip through a modern china plant on April 16. On April 23, Prof. A. J. Fairbanks, newly appointed professor of aeronautics, will tell of gliders and gliding, a timely subject. Concluding the month's series on April 30, H. D. Foster, research engineer, will tell of the work of the American Society for Testing Materials.

Reception of the eighty-meter signals of W8LT, the radio transmitter of the Ohio State Radio Club, has been reported by listeners in New Zealand and Australia. The forty-meter signals are consistently heard there.

The local glider group has organized under the name of the Loons Glider Club. Membership is not restricted to any one college and the popularity of glider activity has been noted in that the group has been officially recognized by the Student Senate.

On April 1st, the organization was addressed by R. L. Harris, president of the Columbus Glider Club, who gave ideas concerning the promotion and function of glider clubs. In carrying out the proposed plans of the club, Karl O. Horst, M.E. 3, stated that construction work would immediately begin on the dummy operator which he was appointed to supervise. It is planned to have this completed before May.

CIVIL ENGINEERING

The regular dinner meeting of the student branch of the American Society of Civil Engineers was held at Pomerene Hall April 14, 1930. Mr. Alten, sewage engineer for the city of Columbus gave a short talk on "Designing Problems of the Engineer."

The following men were nominated for office for next year; the elections to be held April 29, 1930.

President—W. E. Burroughs, I. T. Fenneman
Vice-president—M. L. Allen
Secretary and Treasurer—J. G. Joslin
Junior Representative to the Engineers' Council—Robert Overman, W. Knasel
Representative to the Advisory Board, *The Ohio State Engineer*—Paul Hegler
Librarian—W. P. Hambleton
Registrar—K. H. Brust

Professor C. H. Wall and C. W. Allen have delved into the archives of Brown Hall and have produced a civil engineering exhibit which is a fine display of old and new instruments.

This exhibit gives almost a complete list of surveying instruments and accessories. Pictures of "The Camp in the Tennessee Mountains," a map of a Swiss Alpine region and a map of Buckeye Lake made by C.E. students provide an interesting background.

The instruments range from the oldest type of levels, chains, rods, and similar devices to the most up-to-date types. Included in this display are compasses, current meters, sextants, a plane table and a mammoth theodolite of the type used by the United States Geological Survey. In the center proudly reposes the cup won by the C.E. students at the Engineers' Roundup.

Professor E. F. Coddington, head of geodetic engineering, has been delegated to work in cooperation with the United States Geological Survey to reestablish the bench marks in Ohio.

A committee consisting of W. E. Burroughs, chairman, M. Allen, and Robert Overman was appointed by S. T. Carpenter, president of A.S.C.E., to arrange for a C.E. exihbit for Engineers Day.

CERAMIC ENGINEERING

The Student Branch of the American Ceramic Society held its regular March meeting at the new Orton Laboratory in Columbus, Ohio. The talk of the evening was by General Edward Orton, Jr., President of the American Ceramic Society and the owner of the Standard Pyrometric Cone Company. His subject was a general history of his manufacturing of the standard pyrometric cone which is known the world over. After the talk the members were conducted through his laboratory and the various steps in the manufacture of the cones were pointed out and demonstrated. His laboratory has been open since January 1 and is very modern and well planned. He has one of the best testing furnaces in the country. General Orton started the first ceramic engineering department in the world at Ohio State in 1895.

Sigma Gamma Epsilon, honorary fraternity, has elected the following seniors: Charles Gerster, George Tuttle, N. G. Wedemeyer, Stephen Spires and Glenn Hutt. This fraternity chooses its members from the Geology, Mining, Metallurgy and Ceramic fields. Harry Thiemecke, senior ceramic, was chosen last year to membership.

Alfred Ault, Gilbert Soler, Karl Schwartzwalder and Glenn Hutt represented the Student Branch of the American Ceramic Society at the convention in Toronto, Canada. They say the convention was a big success and that they were helped much as to their ceramic training.

Keramos, honorary ceramic engineering fraternity, initiated Dr. G. A. Bole, professor in

(Continued on Page 22)

CAMPUS NOTES

(Continued from Page 14)

ceramic engineering at Ohio State University, and Dr. G. H. Brown, professor of ceramic engineering at Rutgers University. The initiation was held at Toronto, Canada, on the occasion of the convention of the American Ceramic Society, and was conducted by members from the Ohio State and Illinois chapters of Keramos. Several of the old members attended the ceremonies.

CHEMICAL ENGINEERING

H. R. McDougal and C. L. Fletcher, seniors in chemical engineering, will commence work with the Eastman Kodak Company, of Rochester, N. Y., upon graduation.

Parker Dunn and W. M. Tucker have been selected to conduct research work under the direction of Dr. J. R. Withrow following their graduation.

W. A. Lower, W. D. Sheets, and D. D. Huffman have accepted position with the Koppers Construction Company of Pittsburgh.

The Chemicals are beginning to awake to the fact that there are co-eds in pharmacy occupying the same lab as they do. Well!

(Continued on Page 24)

CAMPUS NOTES

(Continued from Page 22)

As one senior in Ch.E. 707 dryly remarked the other day, "After the first hundred reports in this blank course, they commence to get rather tiresome."

ELECTRICAL ENGINEERING

Instead of the regular meeting, the members of the A.I.E.E. attended the Photophone lecture given March 28 in the Chemistry Building. This lecture was something a little out of the ordinary. It was a Photophone "talkie" of several lectures by prominent men in the field of science. The most prominent of these lectures was the one by Dr. Langmuir of the General Electric Co. The subject of his lecture was, "Oil Films on Water."

The projection apparatus was very interesting because of its small size. It consisted of an oversize suitcase in which was housed the apparatus, and a single dynamic loud speaker mounted on a small baffle. The projection apparatus was located at the rear of the lecture hall and the speaker was mounted on a step ladder at the front of the room. The apparatus was furnished by the Education Department of the General Electric Co. and operated by their representative.

The last issue of the *O-B Bulletin,* a trade publication of the Ohio Brass Co., has the last of a series of article by L. W. Birch, '17, on "Trackless Trolleys." Mr. Birch received his professional degree in Electrical Engineering at the Commencement Exercises last June.

Prof. Kimberly has just begun a six-months leave of absence from the University. He will be with the Westinghouse Electric and Mfg. Co.

At the winter convention of the A.I.E.E. held January 27 to 31, at New York City, papers were presented by two graduates of the department of electrical engineering. These were, "Welding with the Carbon Arc," by John C. Lincoln of the class of '88, and "Recommendations for Safe Loading of Transformers by Temperature," by W. M. Dann of the class of '02. Mr. Lincoln is the president of the Lincoln Electric Co. of Cleveland, and Mr. Dann is an Engineer in the Transformer Division of the Westinghouse Electric and Manufacturing Co. at Sharon, Pa.

MINE ENGINEERING

K. C. Sclater, technical writer for *Petroleum Engineering,* published in Tulsa, Oklahoma, recently spent an afternoon visiting the engineering laboratories and the campus. He is a personal friend of Professor O'Rourke.

Professor Nold and Charles Tibbals, '30, visited some of the men at the mechanized mines in southeastern Ohio during the spring vacation.

W. F. Thorne, who is with the London Mining Trust, gave two talks to the members of the school of mineral industries during a recent visit. He related his experiences in connection with the opening of new gold property in New Guinea and New South Wales.

The United States Geological Survey has established more than 3,000 permanent bench marks in Ohio.